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# Example of Advanced Technology Development Job Description

Our growing company is looking to fill the role of advanced technology development. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for advanced technology development

* Implement work-improvement methodologies & business processes to reduce waste, defects/cost, improve overall cp/cpk, , and actively contribute to improving the overall development environment and Fab8-wide dual mission
* Developing and validating world-class advanced packaging solutions
* Innovating new approaches and solutions for memory packaging
* Researching and introducing new materials and equipment for package construction
* Interfacing with and leveraging material and equipment suppliers and partners
* Documenting and validating process capability using statistical methods
* Transferring process knowledge to operations teams for high volume enablement
* Key SME (Subject Matter Expert) with in-depth knowledge and technical proficiency in designing and building complex prototypes, sub-assemblies, and prepare feasibility test units, and/or samples
* May build prototypes for physician demonstration
* Operate all lab equipment including set-up, clean-up, break-down, and re-assembly

## Qualifications for advanced technology development

* Advanced understanding intellectual property generation and management partnership with internal & external council
* Advanced technical and managerial judgment
* Self-initiator, entrepreneurial, results driven and action & detail oriented
* Advanced technical and managerial judgment ability to identify and assess different risk types
* Demonstrated ability to inspire and develop a high performing diverse team across sites
* Broad and deep understanding of disciplined technology development processes including technology risk management